



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov



CONFIRMATION NO. 4872

Bib Data Sheet

SERIAL NUMBER 10/660,427	FILING OR 371(c) DATE 09/12/2003 RULE	CLASS 166	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. ABI003PU
-----------------------------	--	--------------	------------------------	------------------------------------

APPLICANTS

Charles Chester Irwin JR., Grapeland, TX;

**** CONTINUING DATA *******

This application is a DIV of 09/975,372 10/11/2001 PAT 6,644,400

**** FOREIGN APPLICATIONS *********IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY ****

** 12/04/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY TX	SHEETS DRAWING 8	TOTAL CLAIMS 14	INDEPENDENT CLAIMS 7
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

ADDRESS

CHARLES WALTER, Ph.D., J.D.
 9131 Timberside Drive
 Houston, TX77025

TITLE

Thermodynamic pulse lift oil & gas recovery system

FILING FEE RECEIVED 544	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
----------------------------	---	---